Declassified in Part - Sanitized Copy Approved for Release 2012/02/28 : CIA-RDP83-00415R003700060010-3 CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY 50X1-HUM CENTRAL INSEQUENCE NOTE NOTE THEY REPORT INFORMATION REPORT CD NO. Germany (Russian Zone) COUNTRY DATE DISTR. 21 October 1949 SUBJECT Vulkazia Research and Production NO. OF PAGES PLACE NO. OF ENCLS. **ACQUIR** 50X1-HUM DATE OF SUPPLEMENT TO REPORT NO. mis document contains information appecting the tational defense pot the drifted states within the examine of the espionage act so 7.8.4. I support the contests in the espionage act so 7.8.4. I support the contests in the espionage act so 7.8.4. I support the contests of the espionage act so 7.8.4. I support the contests of the espionage act so 7.8.4. I support the espion THIS IS UNEVALUATED INFORMATION 50X1-HUM I. Vulkazit is an agent for speeding up vulcanization processes. The following three types of vulkazit are known: 1. Normal: For warm vulcanization. Temperature 120° C. Plastic setting after 30 minutes. <u>Halb-Ultra:</u> For indoor vulcanization temperature. Plastic setting after about 15 minutes. 3. <u>Ultra:</u> For indoor vulcanization temperature. Plastic setting after three to five minutes. B. The normal group may be subdivided as follows: Vulkazit A 2. CA 3. п H 11 D DM PP (Weak)
CT (especially for hard rubber) TŤ 1000 (medium strongth) The Halb-Ultra group may be divided as follows: Dibutylamin -Vulkazit AZ 2. З. ** DOTG-11 5. 6. 11 Merkapto 11 11 U 8. 576 576 extra CLASSIFICATION SECRET/CONTROL STATE NAVY X NSRB DISTRIBUTION ARMY JU AIR X FBI

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- D. The Ultra group may be divided as follows:
 - l. Vulkazit "P"
 - 2. " "P extra N"
 - 3. "Thiurem"—
 - 40 n n 774n
- E. Normal vulkazit is produced at the Buna-Werk. Schkonen

50X1-HUM

Ultra "P extra N" was manufactured at a factory in Thuringia but the quality was bad.

F. TEFOLA possesses a modern chemical laboratory with a workshop, experimental presses, rubber and porcelain mills and a rubber strip roller (Flachgurmiwalze). It is the only research laboratory of this kind in the Russian Zone.

Froduction of vulkazit was started here only a short time ago but it is hoped to have the following on the market:

- 1 kg Vulkazit Merkapto (HU) for the price of DM 2.90
- 1 kg " "1000" mittelstark " " DM 4.20
- 1 kg " "P extra N" (U) " " " DM 8.20
- 1 kg " "Thiuram" (U) " " " DM15.60

Production of more vulkazit is expected but further details cannot be given before August or September.

Germant: 1. The interest shown in vulkazit may be connected with with submarine development, possibly with a special listing (Ausklaiding) 50X1-HUM for submarines.

Comment: 2. Shortages of the following materials constitute the main bottlenecks in the Eastern Zone for work of the type undertaken by the GEMA Büro:

Ringtonnenlager (self-eligning roller bearing rings) Hardening selts

Chromium Venadium Federbandstahl (spring steel bands) Spring steel

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